



UGC & Govt. Approved

**Sonargaon University (SU)**

সোনারগাঁও ইউনিভার্সিটি (এসইউ)

WE WILL  
RISE UP  
WE WILL

**SHINE**



# Sonargaon University(su)

B.Sc. in  
**Mechanical Engineering**  
Faculty of science and engineering

[www.su.edu.bd](http://www.su.edu.bd)

[info@su.edu.bd](mailto:info@su.edu.bd)

[f /sonargaon university](https://www.facebook.com/sonargaon.university)

**CONTACT  
US**

**PERMANENT CAMPUS**

Ward no: 75, Dasher Kandi, Khilgaon,  
Dhaka-1219 (Besides Water Treatment Plant)

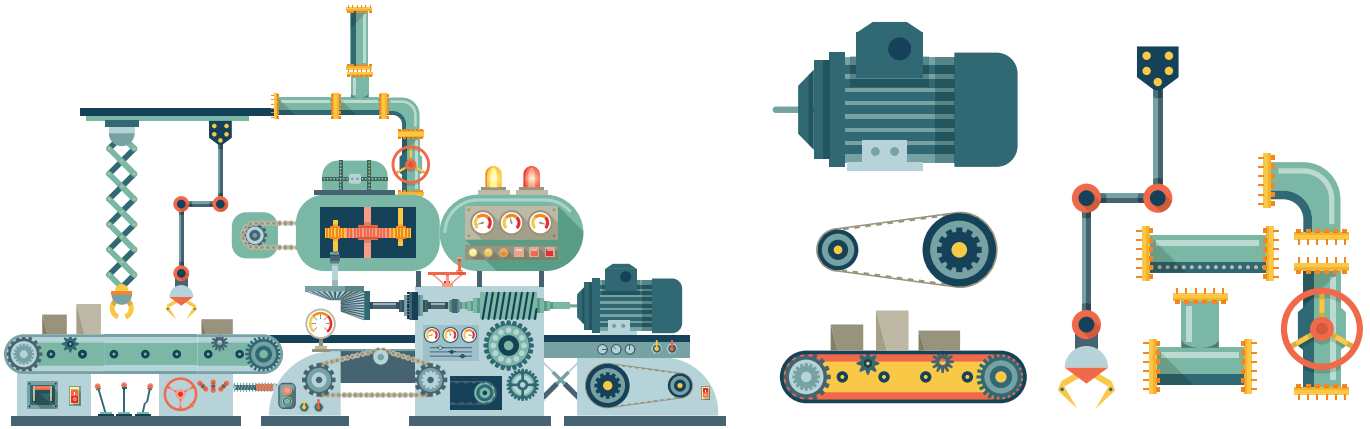
**GREEN ROAD CAMPUS**

147/1, Green Road, Panthapath  
Tejgaon, Dhaka

**MOHAKHALI CAMPUS**

GP Ja-146, Wireless Gate,  
Mohakhali, Dhaka

# Why Choose Mechanical Engineering



## Why Choose Mechanical

- Backbone of modern industries
- Versatile and evergreen field
- Combines creativity and science

## What You Will Learn

- Thermodynamics
- Machine Design
- Fluid Mechanics
- Robotics & Automation
- CAD/CAM Design

## Make an Impact

- Build machines that power the world
- Drive innovation and change
- Solve global engineering problems

## Career Opportunities

- Design Engineer
- Maintenance Engineer
- Aerospace Engineer
- Automotive Engineer
- Renewable Energy Engineer

## Practical learning

- Industrial training
- Real-world projects
- Lab experiments
- Internships with leading companies

## Global Scope

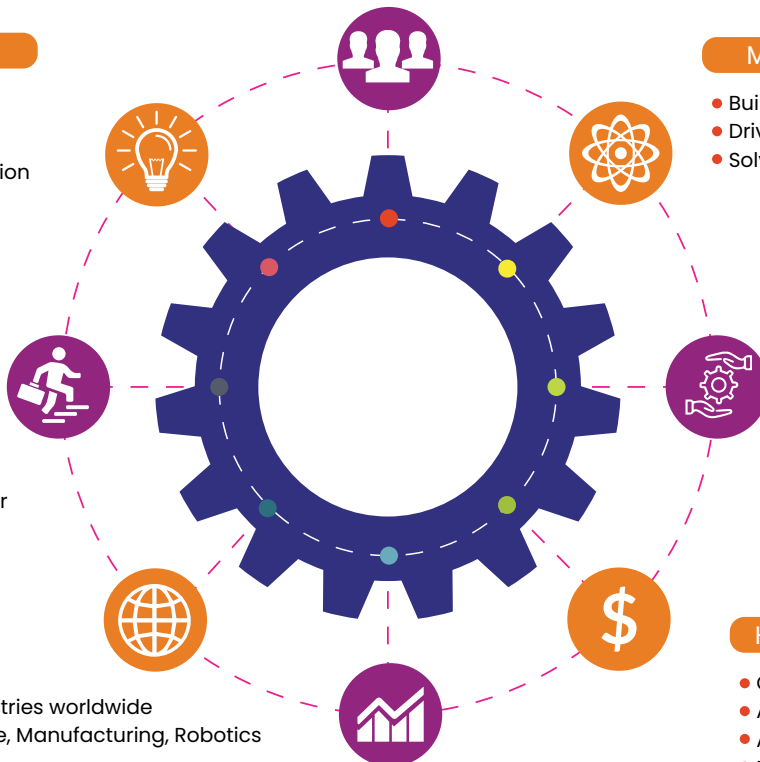
- Opportunities in top industries worldwide
- Work in Energy, Aerospace, Manufacturing, Robotics

## High Paying Sectors

- Oil & Gas
- Automobile Industry
- Aerospace & Defense
- Robotics and AI

## Growing fields

- Smart Manufacturing (Industry 4.0)
- Green Energy Technologies
- AI-Powered Machines
- 3D Printing & Automation



# CAREER OBJECTIVE OF Mechanical Engineering



## **Design Engineer**

Machine parts, products, and systems



## **Manufacturing Engineer**

Factory systems, production optimization



## **Automotive & Aerospace Engineer**

Design, develop, and test vehicles, aircraft, and related systems



## **Maintenance Engineer**

Equipment repair and system reliability



## **Energy Sector**

Power plants, renewable energy systems



## **Robotics & Automation**

Develop robots and automated systems used in industry, defense, and healthcare.



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## **Project & Operations Manager**

Planning and execution



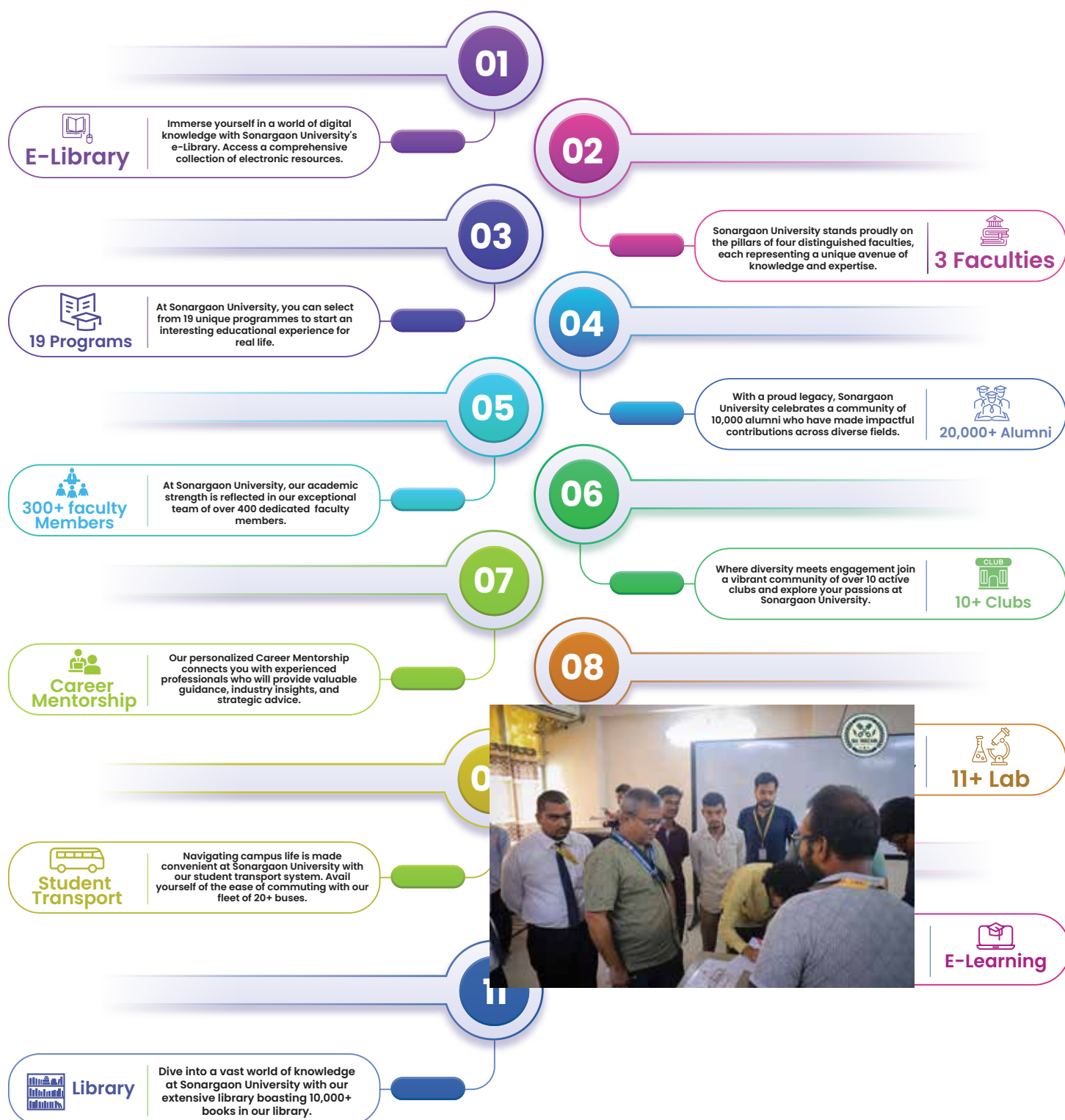
## **Government & Private Jobs**

Local and global opportunities

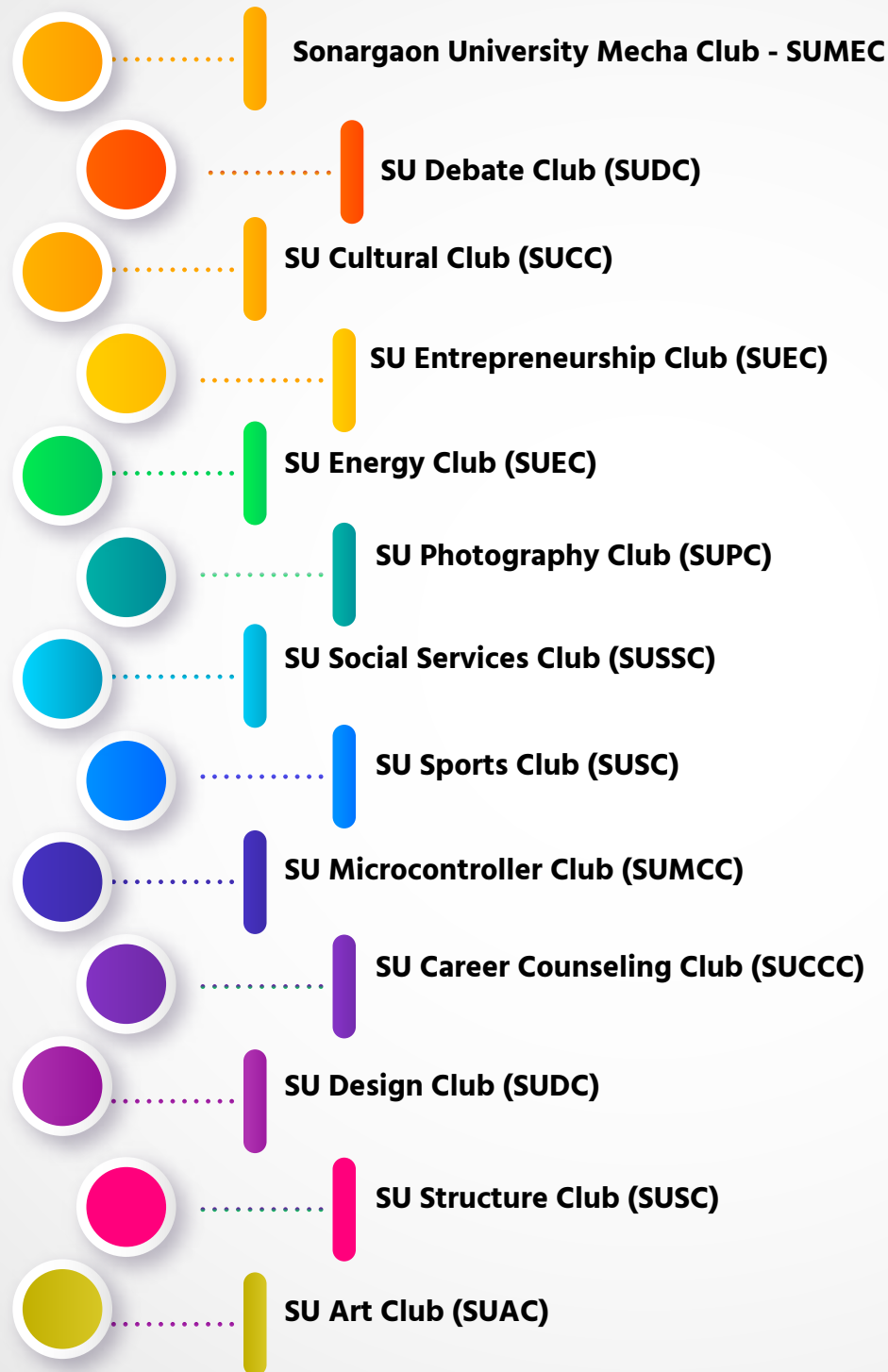
Mechanical Engineering (ME) offers diverse career paths in industries like automotive, aerospace, energy, manufacturing, and robotics. Graduates can work as design engineers, project managers, or R&D specialists. Opportunities also exist in HVAC, biomedical devices, and automation. With advanced skills, ME professionals can lead innovation and sustainable development worldwide.

# Why Choose Sonargaon University

## A BRIEF OVERVIEW OF SU



# Club list of *ME*



# ME Lab

The Mechanical Engineering Lab at Sonargaon University provides hands-on learning through modern tools, machinery, and experiments. Students gain practical knowledge in thermodynamics, mechanics, manufacturing, and design, enhancing technical skills, creativity, and problem-solving abilities for future engineering careers.



## ME Project

Mechanical Engineering projects at Sonargaon University focus on innovation, design, and practical application. Students work on real-life engineering challenges in areas like robotics, energy systems, manufacturing, and automation, developing technical expertise, teamwork, and research skills essential for professional growth and career success.



# Faculty Members of Mechanical Engineering

## Honourable Faculties



**Dean & Head**  
Brig. Gen. (Retd)  
Prof. Habibur  
Rahman Kamal, ndc, psc  
**Professor**



**Head**  
Prof. Md. Mostofa Hossain  
**Professor**



Nuruzzaman Rakib  
**Assistant Professor & Exam Coordinator**



Md. Minhaz Uddin  
**Assistant Professor**



A M M Shamsul Alam  
**Assistant Professor**



Md. Ahatashamul Haque Khan Shuvo  
**Assistant Professor & Exam Coordinator**



Shahinur Rahman  
**Lecturer & Coordinator**



M. A. Faisal Junaed Imrul  
**Lecturer & Asst. Coordinator**



Md. Toriqul Islam  
**Lecturer & Asst. Coordinator**



Niloy Sarkar  
**Assistant Professor**



Md. Anash Mia  
**Lecturer & Exam Coordinator**



Md. Khakan Hasan Mim  
**Lecturer & Exam Coordinator**



Md. Ikramul Hasib  
**Lecturer**



Md. Misbah Uddin  
**Lecturer**



Md. Navid Inan  
**Lecturer**



Khandoker Mohammad Faisal Karim  
**Lecturer**



G M Ismail Hossain  
**Lecturer**



M. I. Washif Rahman  
**Lecturer**



Nahiyen Chowdhury  
**Lecturer**



Hasan Tareq Mahin  
**Lecturer**



Rokiya Sultana  
**Lecturer**



Md. Faruque Hossain  
**Lecturer**



Md. Mahfuz Kabir  
**Lecturer**



Md. Towheedur Rahman Tanvir  
**Lecturer**



Hasan Tareq Mahin  
**Lecturer**



Munkasir Ahnaf Jisba  
**Lecturer**



Md. Sadman Hossain  
**Lecturer**

# Facilities and Campus life

Sonargaon University offers excellent facilities, including smart classrooms, modern computer and engineering labs, a rich library, and high-speed internet access. The campus provides a vibrant life with cultural programs, seminars, clubs, and sports that enhance creativity and leadership. With dedicated faculty support and a student-friendly atmosphere, SU ensures quality education, personal growth, and professional development for a brighter future.



UP TO  
**100%**  
OFF  
MERIT-BASED  
SCHOLARSHIPS

**SPECIAL  
WAIVER  
ON TUITION  
FEE**

**FREE  
TRANSPORT**



# We Will Rise Up, We Will Shine

**SU**  
**WELCOME**  
**BOX**  
Start Innovative Journey



## ME Programme Objectives (SU)

The department of Mechanical Engineering offers four-year undergraduate program titled Bachelor of Science (B. Sc.) in Mechanical Engineering. The curriculum will equip the students with the skills they need to successfully carry out essential responsibilities including raising the standard of living in civilized communities. The automotive, train, aircraft, and ship industries, power plants, airconditioning systems, robots, heating/cooling systems, and other modern systems are studied by mechanical engineers. Numerous sub-branches of mechanical engineering were created to explore the aforementioned application fields, including manufacturing and construction, thermodynamics, energy, machine theory, and dynamics. By giving the students the most recent information on the subjects of mechanical engineering, this department hopes to educate engineers who can work with contemporary technology and promote the growth of the manufacturing industry.

# ADMISSION REQUIREMENTS

For eligibility, a minimum GPA of 2.50 is required in both SSC and HSC. However, if the GPA in either SSC or HSC is below 2.50, the combined GPA of SSC and HSC must be at least 6.00. For admission to computer engineering programs, students must have had Physics, chemistry and Mathematics in HSC/A-Level. In this case less than GPA 2 is not permitted for admission. The student must pass the optional subject.

## CREDIT REQUIREMENT AND DURATION OF THE PROGRAM

B.Sc. in Computer Science and Engineering, students will have to complete 162 credits (HSC background) 144 credits(Diploma background) with at least GPA 2.5. If any student fails in any course, she/he will get opportunity to improve the grade by retaking the same in the subsequent semesters. The program consists of 12 semesters, typically spanning four academic years for HSC holders, while diploma holders complete 11 semesters over a duration of 3 years and 8 months.If diploma students study in the regular batch, they must complete 162 credits.

## Waiver/Scholarship of SU

- 🔥 Result-based waiver (SSC and HSC)
- 🔥 Waiver on SGPA (semester result)
- 🔥 Female quota
- 🔥 Need-based waiver
- 🔥 Disability Quota
- 🔥 Sibling (Brother-sister)  
/Husband-wife  
/Issue-parents/Others)



# Fee Structure of Bachelor of Mechanical Engineering(ME)



## SUN(Morning) Batch

| Background  | Sum of results      | Cost <sub>(BDT)</sub> |
|-------------|---------------------|-----------------------|
| SSC+HSC     | CGPA ( $\leq 8$ )   | 252020                |
|             | CGPA ( $8 \leq 9$ ) | 239540                |
|             | CGPA (10)           | 214580                |
| SSC+Diploma | CGPA ( $\leq 8$ )   | 252020                |
|             | CGPA ( $8 \leq 9$ ) | 239540                |

## STAR (Friday)Batch

| Background  | Sum of results      | Cost <sub>(BDT)</sub> |
|-------------|---------------------|-----------------------|
| SSC+HSC     | CGPA ( $\leq 8$ )   | 328180                |
|             | CGPA ( $8 \leq 9$ ) | 313940                |
|             | CGPA (10)           | 299540                |
| SSC+Diploma | CGPA ( $\leq 8$ )   | 297812                |
|             | CGPA ( $8 \leq 9$ ) | 284996                |

## Moon (Evening)Batch

| Background  | Sum of results      | Cost <sub>(BDT)</sub> |
|-------------|---------------------|-----------------------|
| SSC+HSC     | CGPA ( $\leq 8$ )   | 219860                |
|             | CGPA ( $8 \leq 9$ ) | 204820                |
|             | CGPA (10)           | 189780                |
| SSC+Diploma | CGPA ( $\leq 8$ )   | 200324                |
|             | CGPA ( $8 \leq 9$ ) | 186788                |

**Let your Higher Education  
Journey with SU**



Let learning be your guide, and Sonargaon University be your goal. Start your journey with us, where you learn and explore new things. At Sonargaon University, we help you find the right path. We are here to help you grow, learn more, and succeed in life

# PHOTO ARCHIVE

